

List of Current Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 10 (Cancelled).

11. (Currently Amended) A process installation having:

a control room; and

a plurality of sensors, which are connected via 2-wire line, e.g., according to the HART-standard, with a plurality of converter units; from which a signal line leads to said control room; and

which exchange data for long distance first transmission technology with said control room via said signal line, wherein:

said signal line is designed for a conventional first data transmission technology according to an appropriate industry standard, ~~such as, e.g. Whesszoematic WM550, Varec Mark/Space, Sakura VI, Tiway[[],]]~~ having a low data transmission rate (smaller than 10,000 baud);

at least one converter unit, for data exchange, operates with a second data transmission technology, which permits a greater data transmission rate and/or an expanded functionality than the first transmission technology, and which uses, as a communication medium, the existing signal line, said converter units communicate with said control room according to the first data transmission technology or second data transmission technology;

the first and second data transmission technologies use separate data transmission channels occupying different frequency bands; ~~[[and]]~~

the first data transmission channel occupies a frequency band up to 4 kHz, and the second data transmission channel occupies a frequency range greater than 4 kHz~~[[.]]~~;

each of the converter units is provided with a filter unit, which filter the

appropriate signals out and feed them to the field devices; and
in the control room, a splitter is provided in the signal line SL.

Claims 12 - 14 (Cancelled).

15. (Currently Amended) The process installation as claimed in claim 11, wherein:

 said signal line &E is a copper 2-wire line with a bandwidth of about 1 MHz.

Claim 16 (Cancelled)

17. (Previously presented) The process installation as claimed in claim 11, wherein:

 said second data transmission technology corresponds to DSL (digital subscriber line) technology.

18. (Previously presented) The process installation as claimed in claim 11, wherein:

 the process installation, is a tank farm with a plurality of tanks LC1, LC2, LC3, LC4, LC5 for containing liquid.

Claims 19 and 20 (Cancelled).

21 (New) The process installation as claimed in claim 11, wherein:

 the industry standard is one of: Whessoematic WM550, Varec Mark/Space, Sakura VI, Tiway